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SYSTEM AND METHOD FOR IMPLEMENTING MULTIPLE
INSTANTIATED CONFIGURABLE PERIPHERALS IN A CIRCUIT
DESIGN

ABSTRACT OF THE DISCLOSURE

5 A method for structuring hardware description
language code characterizes a peripheral design so as
to facilitate multiple use of the code with different
peripheral design configurations in a chip. The code
provides one or more configuration options for the
10 peripheral design in a configuration section of the
hardware description language code. The one or more
configuration options are differentiated by a
configuration variable. The configuration options are
selected by initializing a selected peripheral design
15 configuration with the configuration variable, such
that the value of the configuration variable determines
the selection for that specific instance.